

Work Order ID 64148

PRELIMINARY ISSUE

Thursday, November 25, 2010 3:59:20 PM

Page 1

Item ID: D4298-022

Accept

Revision ID: PRELIM

Item Name: Pin Topper

Start Date: 11/25/2010 Start Qty: 1.00

Required Date: 12/3/2010 Req'd Qty: 1.00

Reference:

Approvals:

Process Plan: *[Signature]*

Date: 10-11-26

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

Draw Nbr

Revision Nbr

D4298

PA1

100

0.00



Hardinge

Memo

0.00

Hardinge CNC Lathe Small

*SA 10/12/06*

110

0.00



QC 2

Memo

0.00

Quality Control

*SA 10/12/06*

120

0.00



QC 8

Memo

0.00

Quality Control

*-inspector to era - 022**Dry w/ hand charge Bar  
SLM.**S 10/12/06 (20)*

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 64148**

Thursday, November 25, 2010 3:59:20 PM

Page 2

Item ID: D4298-022

Accept

Revision ID: PPELIM

Item Name: Pin Topper

Start Date: 11/25/2010 Start Qty: 1.00

Required Date: 12/3/2010 Req'd Qty: 1.00

Reference:

Approvals:

Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

Stop

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

Identify as per dwg & Stock Location: GA

0.00



Packaging

Memo

B 64148

0.00

SA 10/12/09(1)

Packaging

140

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

Quality Control

POSITIVE RECALL

EFFECTIVE 10.11.29 AUTH ls

RELEASED \_\_\_\_\_ DATE \_\_\_\_\_

MF  
10-12-09(P70)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: / Date: 10/12/17  
 Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)					
DATE	STEP	Description of NC Section A	Corrective Action Section B		Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng			
10/12/17	100	Part made to P.E.C hand mark-ups: tolerances.  EC - 2nd party design	<u>/</u>	<del>Not updated on ERA Rev.D.</del> <del>Attach email for</del> <del>deviation acceptance.</del>		<u>/</u>	<u>10/12/17</u>
				Part is within ERA's tolerance accepted as is			
				<u>/</u> 10.12.17			

NOTE: Date & initial all entries

# Picklist Print

Page 1

Thursday, November 25, 2010 3:59:24 PM

Work Order ID: 64148



Parent Item: D4298-022



Parent Item Name: Pin Topper

Start Date: 11/25/2010

Required Date: 12/3/2010

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP revA 10.11.25 new issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M303R0.625

Purchased

No

100

f

17.0000

0.09

0.094737



SA 10/12/08

303 Round Bar 0.625"

Location

Loc Qty

Loc Code

MAT028

17

110167

12

15267

5

1.125

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

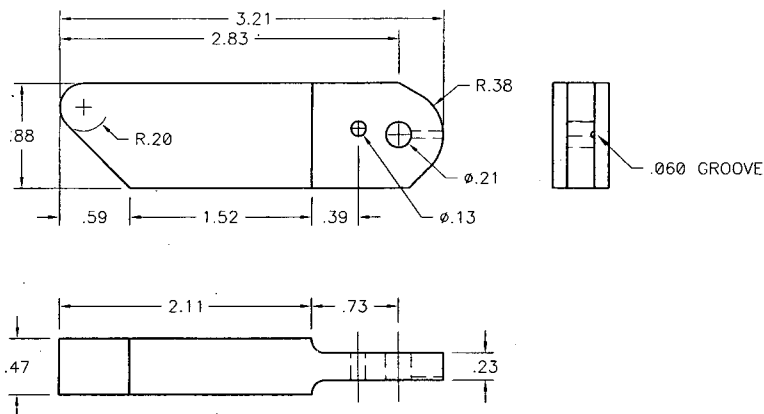
Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

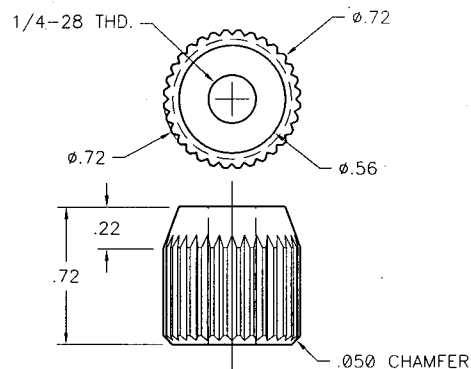
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

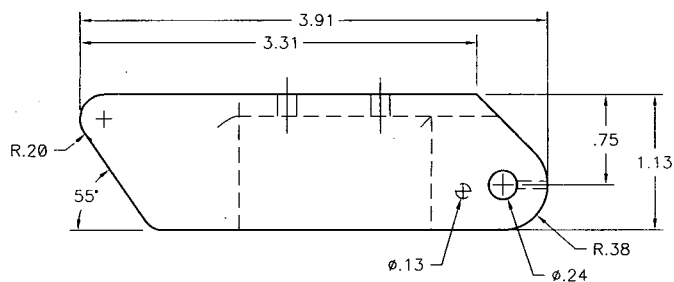




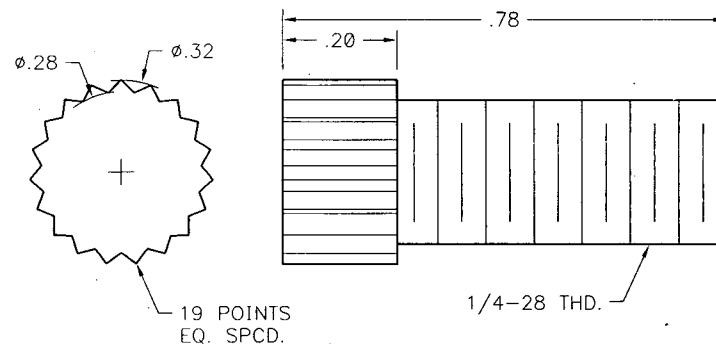
-018 MACHINED INNER



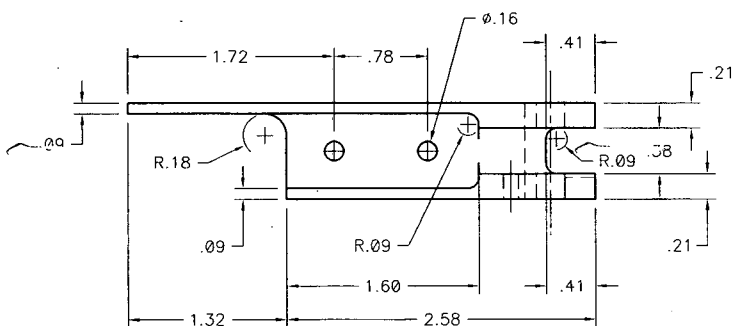
-020 KNOB



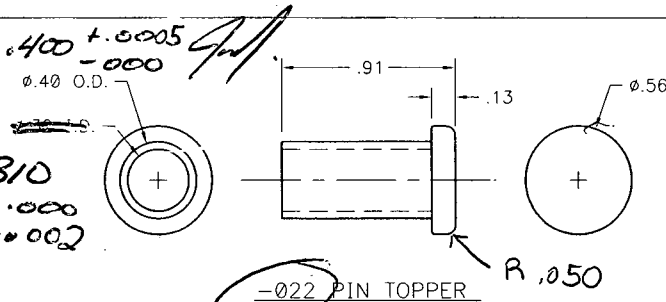
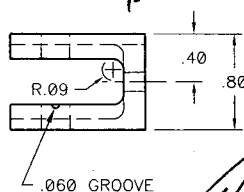
-019 MACHINED OUTER



-021 MACHINED BOLT



SHOP COPY  
RETURN TO  
ENGINEERING  
UNCONTROLLED COPY  
SUBJECT TO AMENDMENT  
WITHOUT NOTICE  
WORK ORDER  
NO. 641148  
P/10-11-26



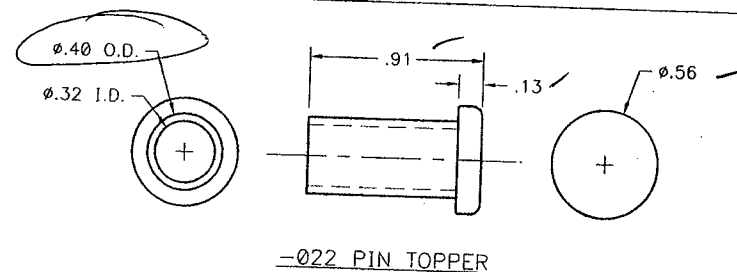
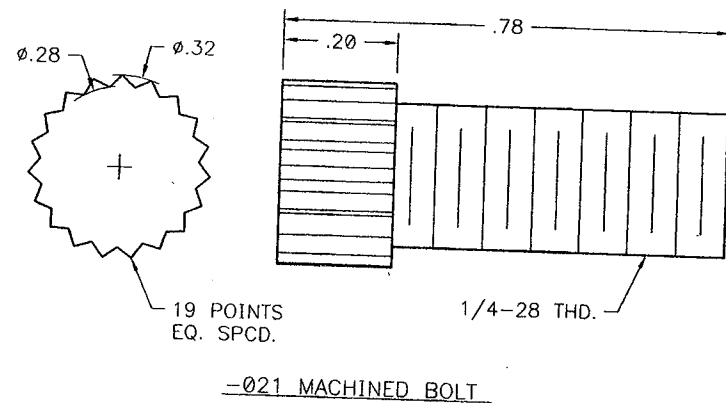
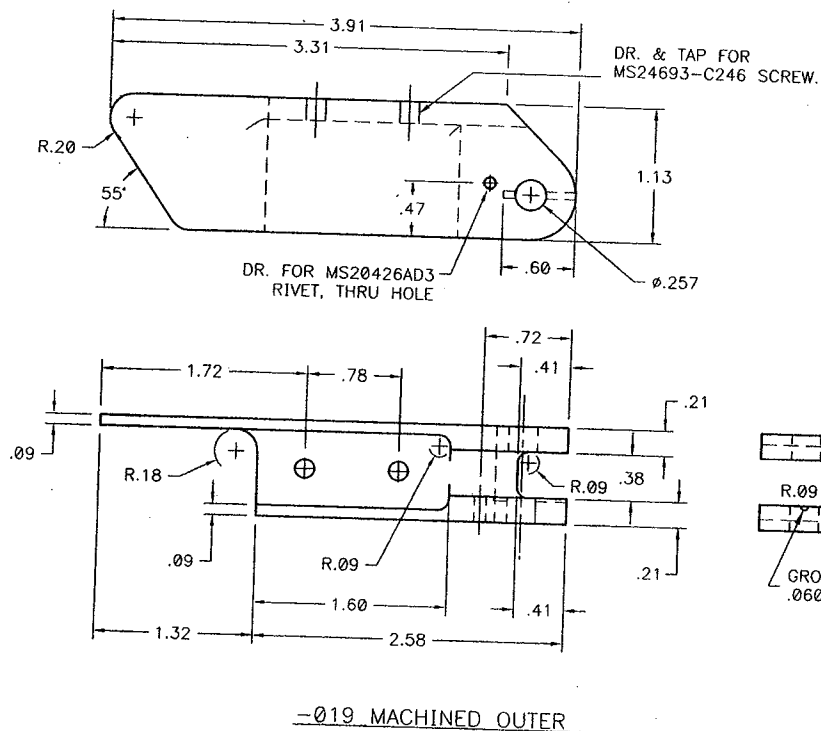
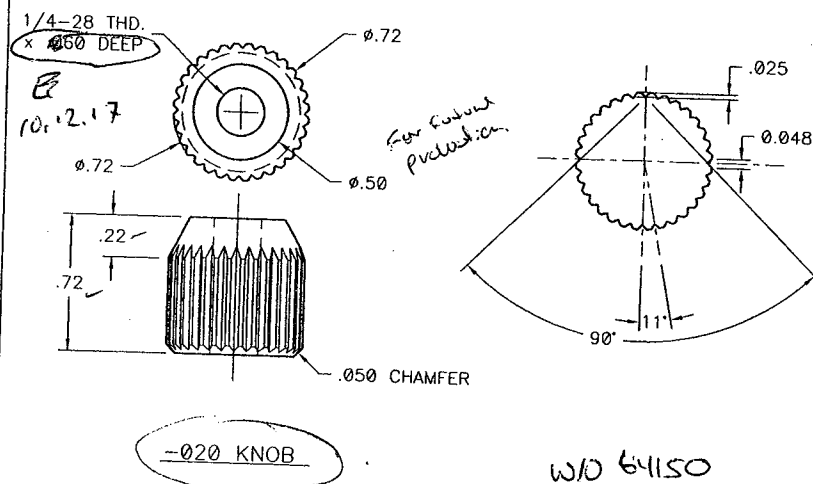
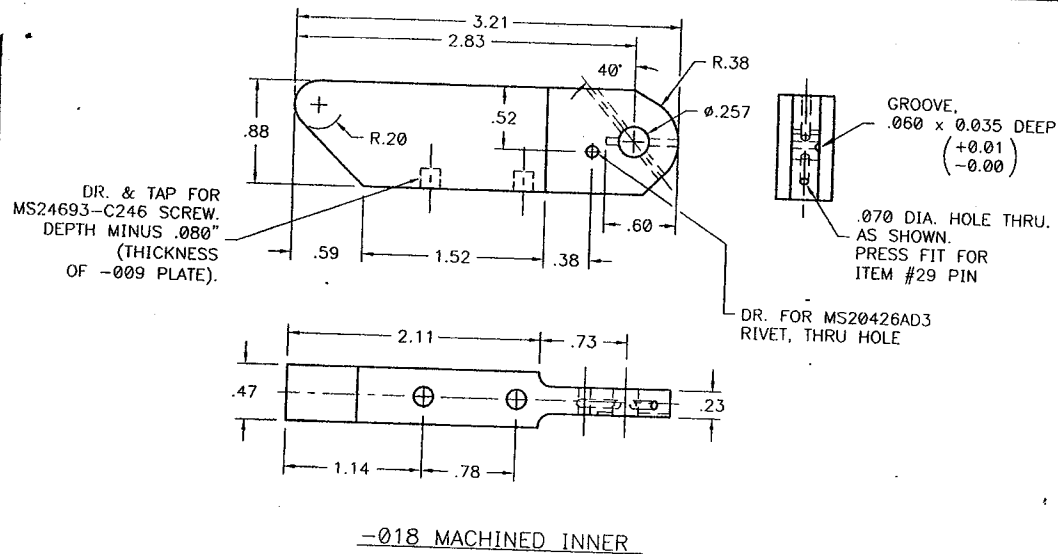
-022 PIN TOPPER

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Era Helicopters LLC

TITLE	SIZE	DWG. NO.	REV.
SINGLE PILOT VFR CHART HOLDER, AW139	C	13939-1-290 SHT 9 OF 10	A



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**Era Helicopters LLC**

TITLE: SINGLE PILOT VFR CHART HOLDER, AW130

SIZE: 139.39-1-290

REV: 1